## IDAHO STATE DEPARTMENT OF GROUND WATER MONITORING PROGRAM

A SUMMARY OF REGIONAL PROJECT 820, INCLUDING RATHDRUM PRAIRIE

| ISDA Well ID<br>8200101     | -                            | U                                | Section<br>7                    |                      |                          |                        |                       |                       |                        |
|-----------------------------|------------------------------|----------------------------------|---------------------------------|----------------------|--------------------------|------------------------|-----------------------|-----------------------|------------------------|
|                             | <i>SampleDat</i><br>8/3/1998 | e <b>Nitrat</b><br>mg/L*<br>0.18 | te <i>Nitrite</i><br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>0.67 | Sulfate<br>mg/L<br>4.5 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND |
|                             | 7/26/2000                    | 0.1                              | ND                              | ND                   | 0.69                     | 2.6                    | ND                    | ND                    | ND                     |
|                             | 7/31/2001                    | 0.23                             | ND                              | ND                   | 0.85                     | 3.80                   | 0.10                  | ND                    | BDL                    |
|                             | 8/8/2002                     | 0.12                             | ND                              | ND                   | 0.8                      | 2.8                    | BDL                   | ND                    | BDL                    |
| <i>ISDA Well ID</i> 8200201 |                              |                                  | Section<br>25                   |                      |                          |                        |                       |                       |                        |
|                             | SampleDat                    | e Nitrat<br>mg/L*                | te Nitrite<br>mg/L              | OrthoP<br>mg/L       | Chloride<br>mg/L         | Sulfate<br>mg/L        | Ammonia<br>mg/L       | Bromide<br>mg/L       | Fluoride<br>mg/L       |
|                             | 8/3/1998                     | 0.081                            | ND                              | ND                   | 0.64                     | 15                     | ND                    | ND                    | 0.3                    |
|                             | 7/27/1999                    | 0.015                            | ND                              | ND                   | 0.66                     | 15                     | ND                    | ND                    | 0.42                   |
|                             | 7/26/2000                    | ND                               | ND                              | ND                   | 0.77                     | 16                     | ND                    | ND                    | 0.39                   |
|                             | 7/31/2001                    | 0.11                             | ND                              | ND                   | 0.88                     | 15.00                  | 0.10                  | ND                    | 0.37                   |
|                             | 8/8/2002                     | 0.25                             | ND                              | ND                   | 1.0                      | 20.0                   | BDL                   | ND                    | BDL                    |
| <i>ISDA Well ID</i> 8200301 | Township<br>54 N             | •                                | Section<br>35                   |                      |                          |                        |                       |                       |                        |
|                             | SampleDat                    | e Nitrat<br>mg/L*                | te Nitrite<br>mg/L              | OrthoP<br>mg/L       | Chloride<br>mg/L         | Sulfate<br>mg/L        | Ammonia<br>mg/L       | Bromide<br>mg/L       | Fluoride<br>mg/L       |
|                             | 8/3/1998                     | 0.015                            |                                 | NĎ                   | 0.7                      | 24                     | NĎ                    | ND                    | ND                     |
|                             | 7/30/1999                    | 0.015                            | ND                              | ND                   | 1.2                      | 27                     | ND                    | ND                    | ND                     |
|                             | 7/26/2000                    | ND                               | ND                              | ND                   | 2.2                      | 42                     | ND                    | ND                    | 0.18                   |
|                             | 7/31/2001                    | ND                               | ND                              | ND                   | 0.68                     | 25.00                  | 0.35                  | ND                    | BDL                    |
|                             | 8/8/2002                     | ND                               | ND                              | BDL                  | 0.75                     | 26                     | BDL                   | ND                    | BDL                    |

| <i>ISDA Well ID</i> 8200401 | Township<br>54 N         | Range | Sec 34                | ction                   |                      |                          |                       |                       |                       |                          |
|-----------------------------|--------------------------|-------|-----------------------|-------------------------|----------------------|--------------------------|-----------------------|-----------------------|-----------------------|--------------------------|
|                             | <i>SampleDa</i> 8/3/1998 | n     | Vitrate<br>ng/L*<br>D | <i>Nitrite</i> mg/L  ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>0.62 | Sulfate<br>mg/L<br>14 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>0.12 |
|                             | 0/3/1990                 | IN    | D                     | ND                      | ND                   | 0.62                     | 14                    | ND                    | ND                    | 0.12                     |
|                             | 7/27/1999                | N     | D                     | ND                      | ND                   | 0.61                     | 17                    | ND                    | ND                    | 0.34                     |
|                             | 7/26/2000                | N     | D                     | ND                      | ND                   | 0.67                     | 17                    | ND                    | ND                    | 0.29                     |
|                             | 7/31/2001                | 0     | .22                   | ND                      | BDL                  | 0.86                     | 14.00                 | BDL                   | ND                    | 0.19                     |
|                             | 8/8/2002                 | 0     | .10                   | ND                      | ND                   | 0.76                     | 15                    | BDL                   | ND                    | 0.28                     |
| <i>ISDA Well ID</i> 8200501 | Township 53 N            | Range | Sec. 31               | ction                   |                      |                          |                       |                       |                       |                          |
|                             | SampleDa                 |       | Vitrate               | Nitrite                 | OrthoP               | Chloride                 | Sulfate               | Ammonia               | Bromide               | Fluoride                 |
|                             | 8/3/1998                 |       | ng/L*<br>.035         | mg/L<br>ND              | mg/L<br>ND           | mg/L<br>0.32             | <i>mg/L</i><br>1      | mg/L<br>ND            | mg/L<br>ND            | mg/L<br>0.083            |
|                             | 7/28/1999                | 0     | .015                  | ND                      | ND                   | 0.52                     | 1.4                   | ND                    | ND                    | ND                       |
|                             | 7/26/2000                | N     | D                     | ND                      | ND                   | 0.24                     | 1.3                   | ND                    | ND                    | ND                       |
|                             | 7/31/2001                | В     | DL                    | ND                      | BDL                  | 0.33                     | 1.2                   | BDL                   | ND                    | 0.11                     |
|                             | 8/8/2002                 | В     | DL                    | ND                      | ND                   | 0.31                     | 1.2                   | BDL                   | ND                    | 0.16                     |
| <i>ISDA Well ID</i> 8200601 | Township 53 N            | Range | Sec<br>29             | ction                   |                      |                          |                       |                       |                       |                          |
|                             | SampleDa                 |       | Vitrate               | Nitrite                 | OrthoP               | Chloride                 | Sulfate               | Ammonia               | Bromide               | Fluoride                 |
|                             | 8/3/1998                 |       | ng/L*<br>.38          | mg/L<br>ND              | mg/L<br>ND           | mg/L<br>0.31             | mg/L<br>2.6           | mg/L<br>ND            | mg/L<br>ND            | mg/L<br>0.084            |
|                             | 7/28/1999                | 0     | .36                   | ND                      | ND                   | 0.42                     | 2.9                   | ND                    | ND                    | ND                       |
|                             | 7/26/2000                | 0     | .45                   | ND                      | ND                   | 1.2                      | 2.5                   | ND                    | ND                    | ND                       |
|                             | 7/31/2001                | 0     | .47                   | ND                      | ND                   | 1.2                      | 2.6                   | 0.29                  | ND                    | 0.11                     |
|                             | 8/8/2002                 | 0     | .39                   | ND                      | DBL                  | 0.44                     | 2.70                  | BDL                   | ND                    | 0.20                     |

| ISDA Well ID<br>8200701     | Township<br>52 N | Ran      | ige Se             | ection<br>) |            |              |                   |            |            |               |
|-----------------------------|------------------|----------|--------------------|-------------|------------|--------------|-------------------|------------|------------|---------------|
|                             | SampleDa         | ıte      | Nitrate            | Nitrite     | OrthoP     | Chloride     | Sulfate           | Ammonia    | Bromide    | Fluoride      |
|                             | 8/3/1998         |          | mg/L*<br>0.069     | mg/L<br>ND  | mg/L<br>ND | mg/L<br>0.53 | <i>mg/L</i> 2.1   | mg/L<br>ND | mg/L<br>ND | mg/L<br>0.099 |
|                             | 7/28/1999        |          | 0.052              | ND          | ND         | 0.91         | 2.5               | ND         | ND         | 0.14          |
|                             | 7/25/2000        |          | 0.072              | ND          | ND         | 0.73         | 2.4               | ND         | ND         | ND            |
|                             | 7/30/2001        |          | 0.069              | ND          | BDL        | 0.54         | 2.10              | 0.11       | ND         | 0.15          |
|                             | 8/8/2002         |          | BDL                | ND          | BDL        | 0.55         | 2.5               | BDL        | ND         | 0.20          |
| <i>ISDA Well ID</i> 8200801 | Township 53 N    | Ran<br>4 | ige Se             | ection<br>5 |            |              |                   |            |            |               |
|                             | SampleDa         | ıte      | Nitrate            | Nitrite     | OrthoP     | Chloride     | Sulfate           | Ammonia    | Bromide    | Fluoride      |
|                             | 8/4/1998         |          | <i>mg/L</i> * 0.13 | mg/L<br>ND  | mg/L<br>ND | mg/L<br>0.56 | <i>mg/L</i><br>16 | mg/L<br>ND | mg/L<br>ND | mg/L<br>ND    |
|                             | 7/28/1999        |          | 0.18               | ND          | ND         | 1.3          | 16                | ND         | ND         | ND            |
|                             | 7/26/2000        |          | 0.23               | ND          | ND         | 2.1          | 16                | ND         | ND         | ND            |
|                             | 7/31/2001        |          | 0.20               | ND          | BDL        | 0.91         | 16.00             | 0.15       | ND         | BDL           |
|                             | 8/7/2002         |          | 0.20               | ND          | BDL        | 0.94         | 15.0              | BDL        | ND         | BDL           |
| <i>ISDA Well ID</i> 8200901 | Township<br>52 N | Ran<br>4 | ige Se             | ection      |            |              |                   |            |            |               |
|                             | SampleDa         | ıte      | Nitrate            | Nitrite     | OrthoP     | Chloride     | Sulfate           | Ammonia    | Bromide    | Fluoride      |
|                             | 8/4/1998         |          | mg/L*<br>ND        | mg/L<br>ND  | mg/L<br>ND | mg/L<br>0.38 | <i>mg/L</i><br>16 | mg/L<br>ND | mg/L<br>ND | mg/L<br>0.63  |
|                             | 7/28/1999        |          | 0.051              | ND          | ND         | 1.1          | 11                | ND         | ND         | 0.57          |
|                             | 7/25/2000        |          | ND                 | ND          | ND         | 0.52         | 24                | ND         | ND         | 1.1           |
|                             | 8/1/2001         |          | BDL                | ND          | BDL        | 0.49         | 16.00             | 0.13       | ND         | 0.76          |
|                             | 8/7/2002         |          | BDL                | ND          | ND         | 0.71         | 16.0              | BDL        | ND         | 1.0           |

| <i>ISDA Well ID</i> 8201001 | Township 52 N            | Range<br>4           | <i>Sec</i> 21 | ction                 |                      |                          |                       |                       |                       |                         |
|-----------------------------|--------------------------|----------------------|---------------|-----------------------|----------------------|--------------------------|-----------------------|-----------------------|-----------------------|-------------------------|
|                             | <i>SampleDa</i> 8/4/1998 | nte Nin<br>mg<br>ND  |               | Nitrite<br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>0.39 | Sulfate<br>mg/L<br>16 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>0.7 |
|                             | 7/30/1999                | 0.2                  | 5             | ND                    | ND                   | 1.2                      | 22                    | ND                    | ND                    | 0.15                    |
|                             | 7/25/2000                | 0.3                  | 2             | ND                    | ND                   | 0.93                     | 21                    | ND                    | ND                    | ND                      |
|                             | 8/1/2001                 | 0.3                  | 6             | ND                    | ND                   | 0.78                     | 20.00                 | BDL                   | ND                    | 0.15                    |
|                             | 8/7/2002                 | 0.2                  | 10            | ND                    | BDL                  | 0.65                     | 21.0                  | BDL                   | ND                    | 0.13                    |
| <i>ISDA Well ID</i> 8201101 | Township<br>52 N         | Range                | <i>Sec</i> 29 | ction                 |                      |                          |                       |                       |                       |                         |
|                             | <i>SampleDa</i> 8/4/1998 | nte Niu<br>mg<br>0.2 |               | Nitrite<br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>0.66 | Sulfate<br>mg/L<br>12 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND  |
|                             | 7/28/1999                | 0.2                  | 9             | ND                    | ND                   | 1.3                      | 11                    | ND                    | ND                    | ND                      |
|                             | 7/25/2000                | 0.3                  | 1             | ND                    | ND                   | 0.99                     | 9.4                   | ND                    | ND                    | ND                      |
|                             | 8/1/2001                 | 0.2                  | 6             | ND                    | BDL                  | 0.88                     | 9.70                  | BDL                   | ND                    | BDL                     |
|                             | 8/7/2002                 | 0.3                  | 4             | ND                    | BDL                  | 0.96                     | 6.90                  | BDL                   | ND                    | BDL                     |
| <i>ISDA Well ID</i> 8201201 | Township<br>51 N         | Range                | Sec<br>6      | ction                 |                      |                          |                       |                       |                       |                         |
|                             | <b>SampleD</b> a         | nte Niu<br>mg<br>2.9 |               | Nitrite<br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>0.54 | Sulfate<br>mg/L<br>15 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND  |
|                             | 7/28/1999                | 2.9                  |               | ND                    | ND                   | 0.86                     | 15                    | ND                    | ND                    | ND                      |
|                             | 7/25/2000                | 3.2                  |               | ND                    | ND                   | 0.71                     | 15                    | ND                    | ND                    | ND                      |
|                             | 8/1/2001                 | 2.9                  | 0             | ND                    | ND                   | 0.62                     | 15.00                 | 0.11                  | ND                    | BDL                     |
|                             | 8/7/2002                 | 2.9                  |               | ND                    | BDL                  | 0.66                     | 15.0                  | BDL                   | ND                    | BDL                     |

| <i>ISDA Well ID</i> 8201301 | Township<br>52 N            | Rang | ge Sec<br>33           | ction                        |                      |                          |                       |                       |                       |                          |
|-----------------------------|-----------------------------|------|------------------------|------------------------------|----------------------|--------------------------|-----------------------|-----------------------|-----------------------|--------------------------|
|                             | SampleDo                    |      | Nitrate<br>mg/L*       | Nitrite<br>mg/L              | OrthoP<br>mg/L       | Chloride<br>mg/L         | Sulfate<br>mg/L       | Ammonia<br>mg/L       | Bromide<br>mg/L       | Fluoride<br>mg/L         |
|                             | 8/4/1998                    |      | 0.38                   | ND                           | 0.24                 | 0.97                     | 1.5                   | ND                    | ND                    | 0.086                    |
|                             | 7/30/1999                   |      | 0.53                   | ND                           | 0.19                 | 1.6                      | 1.9                   | ND                    | ND                    | 0.13                     |
|                             | 7/25/2000                   |      | 0.48                   | ND                           | 0.19                 | 1.3                      | 1.8                   | ND                    | ND                    | 0.21                     |
|                             | 7/30/2001                   |      | 0.50                   | ND                           | 0.14                 | 1.00                     | 1.80                  | 0.12                  | ND                    | 0.15                     |
|                             | 8/7/2002                    |      | 0.480                  | ND                           | 0.14                 | 1.20                     | 1.70                  | BDL                   | ND                    | 0.14                     |
| ISDA Well ID<br>8201401     | Township<br>52 N            | Rang | ge Sec<br>10           | ction                        |                      |                          |                       |                       |                       |                          |
|                             | <i>SampleDe</i><br>8/4/1998 |      | Nitrate<br>mg/L*<br>ND | <i>Nitrite</i><br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>0.33 | Sulfate<br>mg/L<br>45 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>0.82 |
|                             | 7/28/1999                   |      | 0.015                  | ND                           | ND                   | 0.61                     | 47                    | ND                    | ND                    | 1.3                      |
|                             | 7/25/2000                   |      | ND                     | ND                           | ND                   | 0.83                     | 48                    | ND                    | ND                    | 1.3                      |
|                             | 8/1/2001                    |      | ND                     | ND                           | ND                   | 0.51                     | 39.00                 | 0.16                  | ND                    | 1.20                     |
| ISDA Well ID<br>8201501     | Township<br>54 N            | Ranş | ge Sec<br>26           | ction                        |                      |                          |                       |                       |                       |                          |
|                             | SampleDo                    | ate  | Nitrate                | Nitrite                      | OrthoP               | Chloride                 | Sulfate               | Ammonia               | Bromide               | Fluoride                 |
|                             | 8/5/1998                    |      | <i>mg/L</i> * 0.043    | mg/L<br>ND                   | mg/L<br>ND           | mg/L<br>0.64             | mg/L<br>9.5           | mg/L<br>ND            | mg/L<br>ND            | mg/L<br>0.047            |
|                             | 7/28/1999                   |      | 0.09                   | ND                           | ND                   | 1.2                      | 9.9                   | ND                    | ND                    | ND                       |

| <i>ISDA Well ID</i> 8201601 | Township<br>52 N         | <i>Rai</i>    | nge Se                 | ction<br>!                   |                      |                    |                        |                       |                       |                        |
|-----------------------------|--------------------------|---------------|------------------------|------------------------------|----------------------|--------------------|------------------------|-----------------------|-----------------------|------------------------|
|                             | SampleDo                 | ate           | Nitrate<br>mg/L*       | Nitrite<br>mg/L              | OrthoP<br>mg/L       | Chloride<br>mg/L   | Sulfate<br>mg/L        | Ammonia<br>mg/L       | Bromide<br>mg/L       | Fluoride<br>mg/L       |
|                             | 8/6/1998                 |               | 0.84                   | ND                           | ND                   | 2.7                | 9                      | 0.13                  | ND                    | ND                     |
|                             | 7/28/1999                |               | 0.77                   | ND                           | ND                   | 2.6                | 8.9                    | ND                    | ND                    | ND                     |
|                             | 7/25/2000                |               | 0.72                   | ND                           | ND                   | 2.5                | 7.7                    | ND                    | ND                    | ND                     |
|                             | 8/1/2001                 |               | 0.70                   | ND                           | BDL                  | 2.70               | 6.90                   | 0.19                  | ND                    | BDL                    |
|                             | 8/7/2002                 |               | 0.730                  | ND                           | ND                   | 3.5                | 6.60                   | BDL                   | ND                    | BDL                    |
| <i>ISDA Well ID</i> 8201701 | Township<br>52 N         | <i>Rai</i>    | nge Se                 | ction                        |                      |                    |                        |                       |                       |                        |
|                             | <i>SampleDa</i> 8/5/1998 | ate           | Nitrate<br>mg/L*<br>ND | <i>Nitrite</i><br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride mg/L 0.31 | Sulfate<br>mg/L<br>1.8 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND |
|                             | 7/27/1999                |               | 0.015                  | ND                           | ND                   | 0.47               | 1.8                    | ND                    | ND                    | ND                     |
| <i>ISDA Well ID</i> 8201801 | Township<br>51 N         | <i>Ra</i> : 5 | nge Se                 | ction                        |                      |                    |                        |                       |                       |                        |
|                             | SampleDo                 | ate           | Nitrate<br>mg/L*       | Nitrite<br>mg/L              | OrthoP<br>mg/L       | Chloride<br>mg/L   | Sulfate<br>mg/L        | Ammonia<br>mg/L       | Bromide<br>mg/L       | Fluoride<br>mg/L       |
|                             | 8/5/1998                 |               | 0.76                   | ND                           | ND                   | 0.36               | 1.5                    | ND                    | ND                    | 0.26                   |
|                             | 7/27/2000                |               | 0.26                   | ND                           | ND                   | 0.61               | 2.4                    | ND                    | ND                    | 0.35                   |
|                             | 8/2/2001                 |               | 0.71                   | ND                           | BDL                  | 0.57               | 1.90                   | BDL                   | ND                    | 0.37                   |
|                             | 8/7/2002                 |               | 0.660                  | ND                           | BDL                  | 0.48               | 2.20                   | BDL                   | ND                    | 0.38                   |

| ISDA Well ID<br>8201901     | Township<br>52 N | Ran<br>4 | _                  | ection<br>20 |               |              |                    |            |            |                    |
|-----------------------------|------------------|----------|--------------------|--------------|---------------|--------------|--------------------|------------|------------|--------------------|
|                             | SampleDa         | ıte      | Nitrate            |              | OrthoP        | Chloride     | Sulfate            | Ammonia    | Bromide    | Fluoride           |
|                             | 8/5/1998         |          | <i>mg/L</i> * 0.19 | mg/L<br>ND   | mg/L<br>ND    | mg/L<br>0.64 | mg/L<br>8.7        | mg/L<br>ND | mg/L<br>ND | mg/L<br>ND         |
|                             | 7/30/1999        |          | 0.22               | ND           | ND            | 1.3          | 9.2                | ND         | ND         | ND                 |
|                             | 7/25/2000        |          | 0.22               | ND           | ND            | 1.1          | 8.7                | ND         | ND         | ND                 |
|                             | 8/1/2001         |          | 0.23               | ND           | ND            | 1.10         | 8.00               | 0.10       | ND         | BDL                |
|                             | 8/7/2002         |          | 0.220              | ND           | BDL           | 1.0          | 7.30               | BDL        | ND         | BDL                |
| <i>ISDA Well ID</i> 8202001 | Township 52 N    | Ran<br>4 | ~                  | ection<br>7  |               |              |                    |            |            |                    |
|                             | SampleDa         | ıte      | Nitrate            | Nitrite      | OrthoP        | Chloride     | Sulfate            | Ammonia    | Bromide    | Fluoride           |
|                             | 8/5/1998         |          | <i>mg/L</i> * 0.7  | mg/L<br>ND   | mg/L<br>ND    | mg/L<br>0.68 | <i>mg/L</i><br>4.9 | mg/L<br>ND | mg/L<br>ND | <i>mg/L</i><br>0.1 |
|                             | 7/27/1999        |          | 0.66               | ND           | ND            | 1.1          | 5.7                | ND         | ND         | 0.17               |
|                             | 7/25/2000        |          | 0.66               | ND           | ND            | 0.94         | 5.1                | ND         | ND         | 0.13               |
|                             | 8/1/2001         |          | 0.94               | ND           | BDL           | 9.30         | 5.40               | 0.14       | ND         | 0.16               |
|                             | 8/7/2002         |          | 1.2                | ND           | BDL           | 10.0         | 5.0                | BDL        | ND         | 0.14               |
| ISDA Well ID<br>8202101     | Township<br>53 N | Ran      | _                  | ection<br>4  |               |              |                    |            |            |                    |
|                             | SampleDa         | ıte      | Nitrate            |              | <b>OrthoP</b> | Chloride     | Sulfate            | Ammonia    | Bromide    | Fluoride           |
|                             | 8/5/1998         |          | mg/L*<br>ND        | mg/L<br>ND   | mg/L<br>ND    | mg/L<br>0.49 | <i>mg/L</i><br>6.8 | mg/L<br>ND | mg/L<br>ND | mg/L<br>0.31       |
|                             | 7/28/1999        |          | 0.015              | ND           | ND            | 0.79         | 8                  | ND         | ND         | 0.45               |
|                             | 7/26/2000        |          | ND                 | ND           | ND            | 0.74         | 7.6                | ND         | ND         | 0.42               |
|                             | 7/31/2001        |          | ND                 | ND           | BDL           | 0.70         | 7.60               | 0.12       | ND         | 0.44               |
|                             | 8/8/2002         |          | BDL                | ND           | ND            | 0.71         | 7.5                | BDL        | ND         | 0.44               |

| ISDA Well ID<br>8202201     | Township<br>53 N | <i>Rai</i>   | _                  | Section<br>25 |            |                     |              |            |            |            |
|-----------------------------|------------------|--------------|--------------------|---------------|------------|---------------------|--------------|------------|------------|------------|
|                             | SampleDa         | ıte          | Nitrate            |               | OrthoP     | Chloride            | Sulfate      | Ammonia    | Bromide    | Fluoride   |
|                             | 8/5/1998         |              | mg/L*<br>0.027     | mg/L<br>ND    | mg/L<br>ND | <i>mg/L</i><br>0.41 | mg/L<br>2.2  | mg/L<br>ND | mg/L<br>ND | mg/L<br>ND |
|                             | 7/30/1999        |              | 0.015              | ND            | ND         | 0.9                 | 3.4          | ND         | ND         | ND         |
|                             | 7/26/2000        |              | ND                 | ND            | ND         | 0.66                | 3.3          | ND         | ND         | ND         |
|                             | 7/31/2001        |              | 0.064              | ND            | ND         | 0.52                | 14.00        | BDL        | ND         | BDL        |
|                             | 8/8/2002         |              | 0.26               | ND            | ND         | BDL                 | 2.9          | BDL        | ND         | BDL        |
| <i>ISDA Well ID</i> 8202301 | Township<br>50 N | Rai<br>4     | _                  | Section<br>19 |            |                     |              |            |            |            |
|                             | SampleDa         | ıte          | Nitrate            | e Nitrite     | OrthoP     | Chloride            | Sulfate      | Ammonia    | Bromide    | Fluoride   |
|                             | 8/6/1998         |              | <i>mg/L</i> * 0.18 | mg/L<br>ND    | mg/L<br>ND | <i>mg/L</i><br>1.5  | mg/L<br>0.62 | mg/L<br>ND | mg/L<br>ND | mg/L<br>ND |
|                             | 7/29/1999        |              | 0.015              | ND            | ND         | 1.7                 | 6.6          | ND         | ND         | 0.32       |
|                             | 7/27/2000        |              | 0.33               | ND            | ND         | 12                  | 3.1          | ND         | ND         | ND         |
|                             | 7/30/2001        |              | 0.34               | ND            | BDL        | 9.40                | 3.00         | BDL        | ND         | BDL        |
|                             | 8/6/2002         |              | 0.33               | ND            | ND         | 12.0                | 3.20         | BDL        | ND         | BDL        |
| <i>ISDA Well ID</i> 8202401 | Township<br>54 N | <i>Ran</i> 3 | _                  | Section<br>24 |            |                     |              |            |            |            |
|                             | SampleDa         | ite          | Nitrate            |               | OrthoP     | Chloride            | Sulfate      | Ammonia    | Bromide    | Fluoride   |
|                             | 8/6/1998         |              | mg/L*<br>0.092     | mg/L<br>ND    | mg/L<br>ND | <i>mg/L</i><br>1.3  | mg/L<br>9.7  | mg/L<br>ND | mg/L<br>ND | mg/L<br>ND |
|                             | 7/28/1999        |              | 0.068              | ND            | ND         | 1.2                 | 10           | ND         | ND         | ND         |
|                             | 7/26/2000        |              | 0.071              | ND            | ND         | 0.92                | 10           | ND         | ND         | ND         |
|                             | 7/31/2001        |              | 0.065              | ND            | BDL        | 0.82                | 11.00        | 0.13       | ND         | BDL        |
|                             | 8/8/2002         |              | 0.059              | ND            | BDL        | 0.93                | 11.1         | BDL        | ND         | 0.12       |

| <i>ISDA Well ID</i> 8202501 | Township 53 N               | Range                   | <i>Sectio</i><br>15 | on                           |                      |                         |                      |                       |                       |                          |
|-----------------------------|-----------------------------|-------------------------|---------------------|------------------------------|----------------------|-------------------------|----------------------|-----------------------|-----------------------|--------------------------|
|                             | <i>SampleDa</i> 8/6/1998    | te Nita<br>mg/1<br>0.44 | <u>r</u> *          | <i>Nitrite</i><br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>1.5 | Sulfate mg/L 14      | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND   |
|                             | 7/27/1999                   | 0.3                     | ١                   | ND                           | ND                   | 1.1                     | 16                   | ND                    | ND                    | ND                       |
|                             | 7/26/2000                   | 0.39                    | ) 1                 | ND                           | ND                   | 1                       | 15                   | ND                    | ND                    | ND                       |
|                             | 7/31/2001                   | 0.7                     | I 1                 | ND                           | ND                   | 1.20                    | 15.00                | BDL                   | ND                    | 0.53                     |
|                             | 8/8/2002                    | 0.37                    | 7 1                 | ND                           | ND                   | 0.95                    | 15                   | BDL                   | ND                    | BDL                      |
| <i>ISDA Well ID</i> 8202601 | Township<br>50 N            | Range<br>5              | Section 18          | 0 <b>n</b>                   |                      |                         |                      |                       |                       |                          |
|                             | <i>SampleDa</i> 8/4/1998    | te Niti<br>mg/1<br>0.22 | <u>r</u> *          | <i>Nitrite</i><br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>1   | Sulfate<br>mg/L<br>8 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>0.19 |
|                             | 7/27/1999                   | 0.13                    | 3 1                 | ND                           | ND                   | 1.4                     | 12                   | ND                    | ND                    | 0.42                     |
|                             | 7/24/2000                   | 0.11                    | I 1                 | ND                           | ND                   | 1.3                     | 12                   | ND                    | ND                    | 0.36                     |
|                             | 8/2/2001                    | BDI                     | 1                   | ND                           | BDL                  | 1.20                    | 13.00                | BDL                   | ND                    | 0.36                     |
|                             | 8/6/2002                    | 0.06                    | 64 N                | ND                           | BDL                  | 1.40                    | 13.0                 | BDL                   | ND                    | 0.36                     |
| <i>ISDA Well ID</i> 8202701 | Township<br>50 N            | Range<br>5              | Section 8           | on                           |                      |                         |                      |                       |                       |                          |
|                             | <i>SampleDa</i><br>8/4/1998 | te Niti<br>mg/l<br>0.84 | <u>L</u> *          | <i>Nitrite</i><br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>3.7 | Sulfate mg/L 12      | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>0.5  |
|                             | 7/30/1999                   | 0.85                    | 5 1                 | ND                           | ND                   | 4.8                     | 12                   | ND                    | ND                    | 0.83                     |
|                             | 7/24/2000                   | 0.76                    | 6 1                 | ND                           | ND                   | 4.6                     | 13                   | ND                    | ND                    | 0.8                      |
|                             | 8/1/2001                    | 0.73                    | 3 N                 | ND                           | ND                   | 4.60                    | 13.00                | 0.23                  | ND                    | 0.84                     |
|                             | 8/6/2002                    | 0.58                    | 3 <b>N</b>          | ND                           | ND                   | 4.40                    | 13.00                | BDL                   | ND                    | 0.83                     |

| <i>ISDA Well ID</i> 8202801 | Township 51 N               | Range 5                  | Section<br>35               |                      |                         |                        |                       |                       |                          |
|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------|-------------------------|------------------------|-----------------------|-----------------------|--------------------------|
|                             | <i>SampleDa</i><br>8/4/1998 | te Nitro<br>mg/L<br>0.39 | * mg/L                      | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>1.5 | Sulfate<br>mg/L<br>5.6 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND   |
|                             | 7/29/1999                   | 1                        | ND                          | ND                   | 2.2                     | 8.1                    | ND                    | ND                    | ND                       |
|                             | 7/27/2000                   | 0.56                     | ND                          | ND                   | 1.5                     | 7.3                    | ND                    | ND                    | ND                       |
|                             | 8/2/2001                    | 0.50                     | ND                          | BDL                  | 1.70                    | 7.20                   | 0.12                  | ND                    | BDL                      |
|                             | 8/6/2002                    | 0.27                     | 0 ND                        | BDL                  | 0.89                    | 6.20                   | BDL                   | ND                    | BDL                      |
| <i>ISDA Well ID</i> 8202901 | Township<br>51 N            | Range<br>5               | Section<br>36               |                      |                         |                        |                       |                       |                          |
|                             | <i>SampleDa</i> 8/4/1998    | te Nitro<br>mg/L<br>3.3  |                             | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>3.4 | Sulfate<br>mg/L<br>9.6 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND   |
|                             | 7/29/1999                   | 5                        | ND                          | ND                   | 4.9                     | 14                     | ND                    | ND                    | ND                       |
|                             | 7/24/2000                   | 3                        | ND                          | ND                   | 4                       | 11                     | ND                    | ND                    | ND                       |
|                             | 8/1/2001                    | 5.50                     | ND                          | BDL                  | 5.30                    | 13.00                  | 0.11                  | ND                    | BDL                      |
|                             | 8/6/2002                    | 1.9                      | ND                          | ND                   | 2.5                     | 9.7                    | BDL                   | ND                    | BDL                      |
| <i>ISDA Well ID</i> 8203001 | Township<br>50 N            | Range 5                  | Section 11                  |                      |                         |                        |                       |                       |                          |
|                             | <i>SampleDa</i><br>8/4/1998 | te Nitro<br>mg/L<br>ND   | ate Nitrite<br>* mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride mg/L 1.3       | Sulfate<br>mg/L<br>20  | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>0.24 |
|                             | 7/29/1999                   | 0.01                     | 5 ND                        | ND                   | 2.9                     | 19                     | ND                    | ND                    | 0.36                     |
|                             | 7/24/2000                   | ND                       | 0.1                         | ND                   | 7.8                     | 19                     | ND                    | ND                    | 0.25                     |
|                             | 8/1/2001                    | 0.08                     | 7 ND                        | BDL                  | 15.00                   | 36.00                  | 0.12                  | ND                    | 0.36                     |
|                             | 8/6/2002                    | 0.10                     | 0 ND                        | ND                   | 22.0                    | 21.00                  | BDL                   | ND                    | 0.22                     |

| <i>ISDA Well ID</i> 8203101 | Township<br>50 N             | Range<br>4          | Sec<br>7      | etion                        |                      |                          |                        |                       |                       |                          |
|-----------------------------|------------------------------|---------------------|---------------|------------------------------|----------------------|--------------------------|------------------------|-----------------------|-----------------------|--------------------------|
|                             | <i>SampleDat</i> 8/4/1998    | mg/.<br>0.08        |               | Nitrite<br>mg/L<br>ND        | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>0.52 | Sulfate<br>mg/L<br>3.2 | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND   |
|                             | 7/19/1999                    | 0.1                 | 5             | ND                           | ND                   | 0.85                     | 4.8                    | ND                    | ND                    | ND                       |
|                             | 7/24/2000                    | 0.0                 | 87            | ND                           | ND                   | 0.77                     | 3.8                    | ND                    | ND                    | ND                       |
|                             | 7/30/2001                    | 0.12                | 2             | ND                           | BDL                  | 0.96                     | 4.30                   | BDL                   | ND                    | BDL                      |
|                             | 8/6/2002                     | 0.1                 | 00            | ND                           | ND                   | 0.66                     | 3.30                   | BDL                   | ND                    | BDL                      |
| <i>ISDA Well ID</i> 8203201 | Township<br>50 N             | Range<br>4          | <i>Sec</i> 8  | ction                        |                      |                          |                        |                       |                       |                          |
|                             | <i>SampleDat</i><br>8/4/1998 | e Nit.<br>mg/<br>ND | rate<br>L*    | <i>Nitrite</i><br>mg/L<br>ND | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>1.4  | Sulfate<br>mg/L<br>8   | Ammonia<br>mg/L<br>ND | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>0.22 |
|                             | 7/29/1999                    | 0.0                 | 15            | ND                           | ND                   | 2.1                      | 10                     | ND                    | ND                    | 0.27                     |
|                             | 7/24/2000                    | ND                  |               | ND                           | ND                   | 2.4                      | 12                     | ND                    | ND                    | 0.33                     |
|                             | 7/30/2001                    | BDI                 | L             | ND                           | BDL                  | 2.10                     | 10.00                  | BDL                   | ND                    | 0.28                     |
|                             | 8/6/2002                     | BDI                 | L             | ND                           | BDL                  | 2.5                      | 13.3                   | BDL                   | ND                    | 0.31                     |
| <i>ISDA Well ID</i> 8203301 | Township<br>50 N             | Range<br>4          | <i>Sec</i> 34 | ction                        |                      |                          |                        |                       |                       |                          |
|                             | SampleDat                    | e Nit               | rate<br>L*    | Nitrite<br>mg/L              | OrthoP<br>mg/L       | Chloride<br>mg/L         | Sulfate<br>mg/L        | Ammonia<br>mg/L       | Bromide<br>mg/L       | Fluoride<br>mg/L         |
|                             | 8/5/1998                     | NĎ                  | _             | ND                           | ND                   | 0.86                     | ND                     | ND                    | ND                    | 0.17                     |
|                             | 7/30/1999                    | 0.0                 | 15            | ND                           | ND                   | 1.6                      | 5.1                    | ND                    | ND                    | 0.25                     |
|                             | 7/27/2000                    | ND                  |               | ND                           | ND                   | 1.2                      | ND                     | ND                    | ND                    | 0.25                     |
|                             | 8/2/2001                     | BDI                 | L             | ND                           | BDL                  | 0.94                     | 5.30                   | 0.11                  | ND                    | 0.27                     |
|                             | 8/6/2002                     | BDI                 | L             | ND                           | BDL                  | 1.00                     | 5.10                   | BDL                   | ND                    | 0.27                     |

| <i>ISDA Well ID</i> 8203401 | Township<br>50 N   | Range 4   | Sec<br>20   | etion  |                                      |   |   |                                       |                                    |   |
|-----------------------------|--|---|---|--|--------------------------------------|---|---|---------------------------------------|------------------------------------|---|
|                             | SampleDa   | mg  | trate<br><sub>2</sub> /L*   | Nitrite<br>mg/L                                    | OrthoP<br>mg/L                       | Chloride<br>mg/L  | Sulfate<br>mg/L   | Ammonia<br>mg/L                       | Bromide mg/L                       | Fluoride<br>mg/L  |
|                             | 8/5/1998   | 1.2   | <u>-</u>  | ND   | ND                                   | 1.7   | 2.7   | ND                                    | ND                                 | 0.043   |
|                             | 7/28/1999  | 1.5   | 5   | ND   | ND                                   | 2.7   | 4   | ND                                    | ND                                 | 0.1   |
|                             | 7/27/2000  | 1.3   | 3   | ND   | ND                                   | 2.1   | 5   | ND                                    | ND                                 | ND  |
|                             | 7/30/2001  | 1.4   | 10  | ND   | ND                                   | 1.70  | 3.70  | BDL                                   | ND                                 | 0.10  |
|                             | 8/6/2002   | 1.5   | 5   | ND   | BDL                                  | 2.00  | 3.8   | BDL                                   | ND                                 | 0.10  |
| <i>ISDA Well ID</i> 8203501 | Township<br>50 N   | Range   | Sec<br>33   | etion  |                                      |   |   |                                       |                                    |   |
|                             | SampleDa   | te Ni   | trate   | Nitrite  | OrthoP                               | Chloride  | Sulfate   | Ammonia                               | Bromide                            | Fluoride  |
|                             | 8/5/1998   | mg<br>NE  | g/L*<br>)   | mg/L<br>ND   | mg/L<br>ND                           | mg/L<br>1.2   | mg/L<br>4.5   | mg/L<br>ND                            | mg/L<br>ND                         | <i>mg/L</i><br>0.14   |
| <i>ISDA Well ID</i> 8203601 | Township<br>50 N   | Range   | <i>Sec</i> 29   | etion  |                                      |   |   |                                       |                                    |   |
|                             |  |   |   |  |                                      |   |   |                                       |                                    |   |
|                             | SampleDa   | te Ni   | trate   | Nitrite  | <b>OrthoP</b>                        | Chloride  | Sulfate   | Ammonia                               | Bromide                            | Fluoride  |
|                             | <i>SampleDa</i> 8/5/1998   |   | g/L*  | Nitrite<br>mg/L<br>ND                              | OrthoP<br>mg/L<br>ND                 | Chloride<br>mg/L<br>0.69  | Sulfate<br>mg/L<br>6.8  | Ammonia<br>mg/L<br>ND                 | Bromide<br>mg/L<br>ND              | Fluoride<br>mg/L<br>0.15  |
|                             | _  | mg<br>NE  | g/L*  | mg/L   | mg/L                                 | mg/L  | mg/L  | mg/L                                  | mg/L                               | mg/L  |
|                             | 8/5/1998   | mg<br>NE  | ;/L*<br>)<br>)97  | mg/L<br>ND   | mg/L<br>ND                           | mg/L<br>0.69  | mg/L<br>6.8   | mg/L<br>ND                            | mg/L<br>ND                         | mg/L<br>0.15  |
|                             | 8/5/1998<br>7/29/1999  | mg<br>NE<br>0.0   | y/L*<br>)<br>)97<br>)   | mg/L<br>ND   | mg/L<br>ND<br>ND                     | mg/L<br>0.69<br>0.83  | mg/L<br>6.8<br>5.8  | mg/L<br>ND<br>ND                      | mg/L<br>ND                         | mg/L<br>0.15<br>0.18  |
|                             | 8/5/1998<br>7/29/1999<br>7/27/2000   | O.(<br>NE<br>BE   | y/L*<br>)<br>)97<br>)   | mg/L<br>ND<br>0.34<br>ND                           | mg/L<br>ND<br>ND                     | mg/L<br>0.69<br>0.83<br>0.99  | mg/L<br>6.8<br>5.8<br>7.9   | mg/L<br>ND<br>ND                      | mg/L<br>ND<br>ND                   | mg/L<br>0.15<br>0.18<br>0.19  |
| <i>ISDA Well ID</i> 8203701 | 8/5/1998<br>7/29/1999<br>7/27/2000<br>8/2/2001   | O.(<br>NE<br>BE   | ;/L*<br>))<br>)97<br>))<br>)L                                       | mg/L<br>ND<br>0.34<br>ND<br>ND<br>ND               | mg/L<br>ND<br>ND<br>ND<br>BDL        | mg/L<br>0.69<br>0.83<br>0.99  | mg/L<br>6.8<br>5.8<br>7.9<br>8.10                                   | Mg/L<br>ND<br>ND<br>ND<br>0.11        | mg/L<br>ND<br>ND<br>ND             | mg/L<br>0.15<br>0.18<br>0.19<br>0.21                                    |
|                             | 8/5/1998<br>7/29/1999<br>7/27/2000<br>8/2/2001<br>8/5/2002   | NE O.G NE BE O.G Range 3  | (trate  | mg/L<br>ND<br>0.34<br>ND<br>ND<br>ND               | mg/L<br>ND<br>ND<br>ND<br>BDL        | mg/L<br>0.69<br>0.83<br>0.99  | mg/L<br>6.8<br>5.8<br>7.9<br>8.10                                   | Mg/L<br>ND<br>ND<br>ND<br>0.11        | mg/L<br>ND<br>ND<br>ND             | mg/L<br>0.15<br>0.18<br>0.19<br>0.21                                    |
|                             | 8/5/1998<br>7/29/1999<br>7/27/2000<br>8/2/2001<br>8/5/2002<br>Township<br>50 N<br>SampleDa               | NE O.C NE BE O.C Range 3  | (L*<br>0)<br>097<br>0)<br>060<br>Sec<br>17<br>(trate                | mg/L ND 0.34 ND ND ND ND *tion  Nitrite mg/L       | mg/L<br>ND<br>ND<br>ND<br>BDL<br>BDL | mg/L<br>0.69<br>0.83<br>0.99<br>0.92<br>1.40                            | mg/L<br>6.8<br>5.8<br>7.9<br>8.10<br>7.70                           | Mg/L<br>ND<br>ND<br>ND<br>0.11<br>BDL | Mg/L ND ND ND ND ND ND             | mg/L<br>0.15<br>0.18<br>0.19<br>0.21<br>0.22                            |
|                             | 8/5/1998<br>7/29/1999<br>7/27/2000<br>8/2/2001<br>8/5/2002<br>Township<br>50 N<br>SampleDate<br>8/5/1998 | NE O.C NE BE O.C Range 3 te Ni mathematical | (L*<br>))<br>)97<br>))<br>)060<br>Sec<br>17<br>(trate<br>(/L*<br>)) | mg/L ND 0.34 ND ND ND ND ND wition Nitrite mg/L ND | mg/L<br>ND<br>ND<br>ND<br>BDL<br>BDL | mg/L<br>0.69<br>0.83<br>0.99<br>0.92<br>1.40<br>Chloride<br>mg/L<br>.76 | mg/L<br>6.8<br>5.8<br>7.9<br>8.10<br>7.70<br>Sulfate<br>mg/L<br>6.7 | Mg/L<br>ND<br>ND<br>ND<br>0.11<br>BDL | Mg/L<br>ND<br>ND<br>ND<br>ND<br>ND | mg/L<br>0.15<br>0.18<br>0.19<br>0.21<br>0.22<br>Fluoride<br>mg/L<br>.15 |

| ISDA Well ID<br>8203801     | Township 52 N            | Range  | Section<br>9              |                      |                        |                       |                            |                       |                        |
|-----------------------------|--------------------------|--------|---------------------------|----------------------|------------------------|-----------------------|----------------------------|-----------------------|------------------------|
|                             | SampleDa                 |        | trate Nitrite             |                      | Chloride               | Sulfate               | Ammonia                    | Bromide               | Fluoride               |
|                             | 8/6/1998                 | 0.0    |                           | mg/L<br>ND           | mg/L<br>1.5            | mg/L<br>0.82          | mg/L<br>ND                 | mg/L<br>ND            | mg/L<br>ND             |
|                             | 7/29/1999                | 0.0    | 56 ND                     | ND                   | 1.1                    | 0.98                  | ND                         | ND                    | ND                     |
|                             | 7/25/2000                | 0.0    | 53 ND                     | ND                   | 0.75                   | 0.8                   | ND                         | ND                    | ND                     |
|                             | 7/30/2001                | 0.0    | 58 ND                     | BDL                  | 0.49                   | 0.96                  | 0.10                       | ND                    | BDL                    |
|                             | 8/8/2002                 | BD     | L ND                      | BDL                  | 0.6                    | 0.81                  | BDL                        | ND                    | BDL                    |
| ISDA Well ID<br>8203901     | Township Rang            |        | Section 30                |                      |                        |                       |                            |                       |                        |
|                             | SampleDa                 | te Nii | rate Nitrite<br>/L* mg/L  | OrthoP<br>mg/L       | Chloride<br>mg/L       | Sulfate<br>mg/L       | Ammonia<br><sub>mg/L</sub> | Bromide<br>mg/L       | Fluoride               |
|                             | 8/6/1998                 | 0.1    | 6 ND                      | ND                   | 0.98                   | 3.7                   | ND ND                      | ND                    | mg/L<br>ND             |
|                             | 7/29/1999                | 0.1    | 5 ND                      | ND                   | 0.91                   | 3.9                   | ND                         | ND                    | ND                     |
| <i>ISDA Well ID</i> 8204001 |                          |        | Section<br>34             |                      |                        |                       |                            |                       |                        |
|                             | SampleDa                 | te Nii | trate Nitrite<br>/L* mg/L | OrthoP<br>mg/L       | Chloride<br>mg/L       | Sulfate<br>mg/L       | Ammonia<br>mg/L            | Bromide<br>mg/L       | Fluoride<br>mg/L       |
|                             | 8/6/1998                 | 0.1    |                           | ND                   | 2.1                    | 2.7                   | ND                         | ND ND                 | 0.66                   |
|                             | 7/30/1999                | 0.1    | 1 ND                      | ND                   | 1.7                    | 2.9                   | ND                         | ND                    | 0.25                   |
|                             | 7/27/2000                | 0.1    | 4 ND                      | ND                   | 1.3                    | 2.4                   | ND                         | ND                    | 0.22                   |
|                             | 7/30/2001                | 0.1    | 5 ND                      | 0.13                 | 0.94                   | 2.50                  | BDL                        | ND                    | 0.23                   |
|                             | 8/7/2002                 | 0.1    | 10 ND                     | BDL                  | 1.10                   | 2.30                  | BDL                        | ND                    | 0.23                   |
| <i>ISDA Well ID</i> 8204201 | Township Range<br>52 N 4 |        | Section                   |                      |                        |                       |                            |                       |                        |
|                             | 52 N                     | 4      | 3                         |                      |                        |                       |                            |                       |                        |
|                             | 52 N SampleDa            | te Nii | trate Nitrite             |                      | Chloride               | Sulfate               | Ammonia<br>mg/L            | Bromide               | Fluoride               |
|                             |                          |        | trate Nitrite<br>/L* mg/L | OrthoP<br>mg/L<br>ND | Chloride<br>mg/L<br>ND | Sulfate<br>mg/L<br>ND | Ammonia<br>mg/L<br>ND      | Bromide<br>mg/L<br>ND | Fluoride<br>mg/L<br>ND |